

TABLE 9.1

CLIMATIC ZONE 100B/C

No-till C Factors -Low production (Corn 100 bu, Soybean 30 bu)

Corn W/Manure after	Manure Knifed in with narrow shank									Manure knifed in with 40% disturbance								
	10	20	30	40	50	60	70	80	90	10	20	30	40	50	60	70	80	90
Corn		.09	.08	.064	.052	.042					.115	.09	.068	.056				
Corn Silage w/cover	.16	.11	.09	.08	.068					.178	.15	.105	.09	.07				
Corn Silage	.208	.16								.267								
Soybeans	.18	.142	.126							.18	.144	.128						

Soybeans W/Manure after	Manure Knifed in with narrow shank									Manure knifed in with 40% disturbance								
	10	20	30	40	50	60	70	80	90	10	20	30	40	50	60	70	80	90
Corn		.098	.085	.07	.058	.048					.14	.11	.09	.07				
Corn Silage w/cover	.165	.118	.095	.086	.07					.184	.16	.12	.10	.08				
Corn Silage	.251									.283								

Corn Silage W/Manure After	Manure Knifed in with narrow shank									Manure knifed in with 40% disturbance								
	10	20	30	40	50	60	70	80	90	10	20	30	40	50	60	70	80	90
Corn	.15	.11	.09	.078	.06	.05				.20	.15	.112	.10	.085	.07			
Corn Silage	.281									.319								
Soybeans	.21	.17	.145							.25	.215	.195						

Corn Silage W/Manure And Cover after	Manure Knifed in with narrow shank									Manure knifed in with 40% disturbance								
	10	20	30	40	50	60	70	80	90	10	20	30	40	50	60	70	80	90
Corn			.06	.048	.038	.03	.024	.019		.18	.13	.10	.08	.066	.054			
Soybeans	.19	.14	.11	.09	.078					.21	.17	.145	.13					

* All rotations include a manure application prior to planting the current crop.